

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
 Data File : BG054855.D
 Acq On : 6 Sep 2022 17:10
 Operator : CG/JU
 Sample : N4486-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PC-1

Quant Time: Sep 07 04:56:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

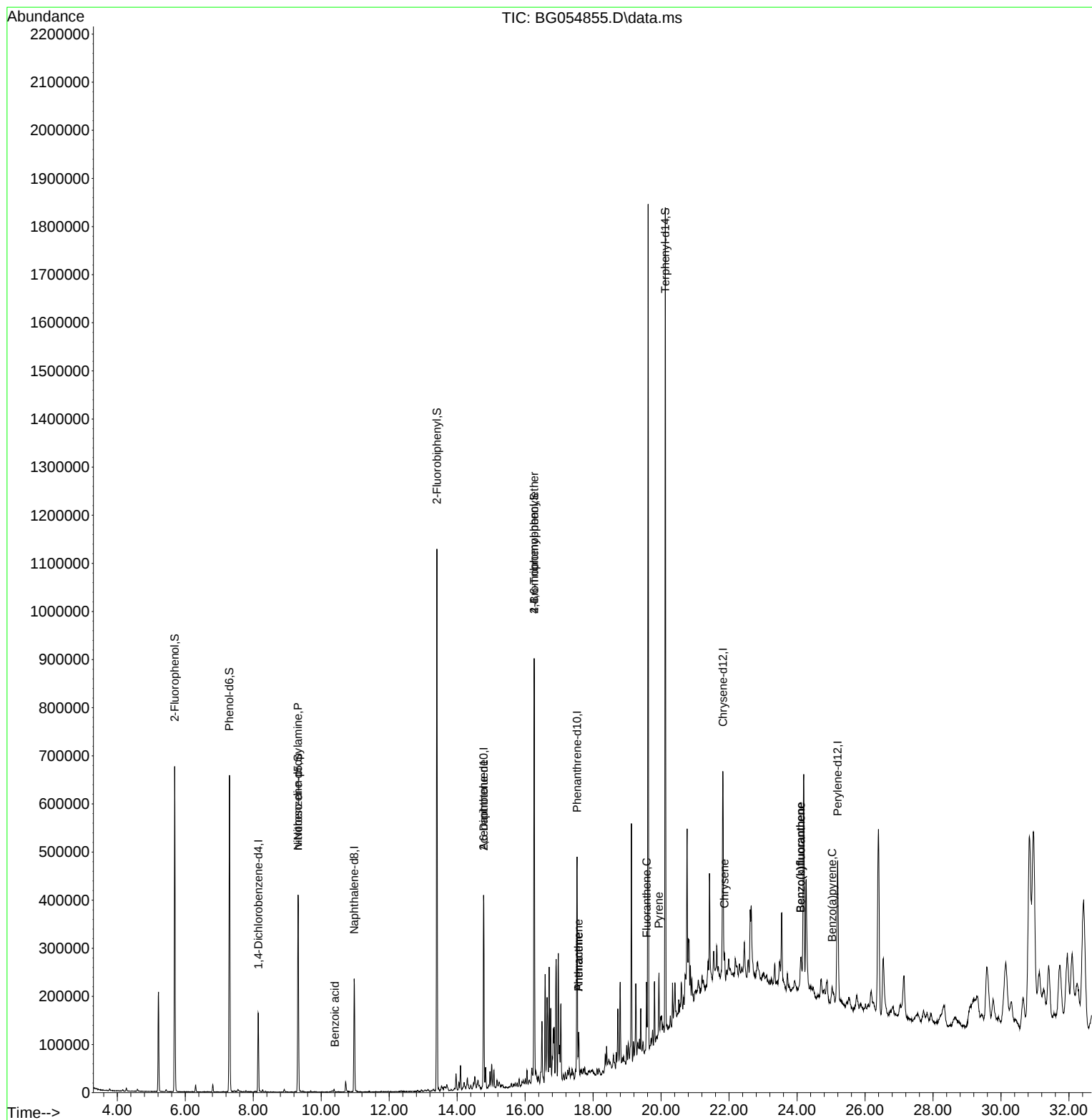
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.151	152	50847	20.000	ng	0.00
21) Naphthalene-d8	10.971	136	208768	20.000	ng	0.00
39) Acenaphthene-d10	14.778	164	135664	20.000	ng	0.00
64) Phenanthrene-d10	17.528	188	292624	20.000	ng	0.00
76) Chrysene-d12	21.817	240	270285	20.000	ng	0.00
86) Perylene-d12	25.195	264	285302	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.689	112	318614	109.116	ng	0.00
7) Phenol-d6	7.299	99	430020	107.686	ng	0.00
23) Nitrobenzene-d5	9.320	82	263919	66.365	ng	0.00
42) 2,4,6-Tribromophenol	16.265	330	188376	111.123	ng	0.00
45) 2-Fluorobiphenyl	13.403	172	601939	66.689	ng	0.00
79) Terphenyl-d14	20.125	244	839423	61.536	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.320	70	33202	12.091	ng	# 79
32) Benzoic acid	10.401	122	62	7.830	ng	# 34
51) 2,6-Dinitrotoluene	14.778	165	18117	8.475	ng	# 23
67) 4-Bromophenyl-phenylether	16.265	248	12204	3.799	ng	# 1
71) Phenanthrene	17.569	178	37181	2.385	ng	99
72) Anthracene	17.569	178	37181	2.453	ng	98
75) Fluoranthene	19.573	202	91362	4.818	ng	98
78) Pyrene	19.937	202	75373	3.999	ng	97
83) Chrysene	21.864	228	43991	2.511	ng	98
88) Benzo(b)fluoranthene	24.108	252	59930	3.349	ng	# 85
89) Benzo(k)fluoranthene	24.108	252	59930	3.327	ng	# 85
90) Benzo(a)pyrene	25.031	252	35786	2.340	ng	# 85

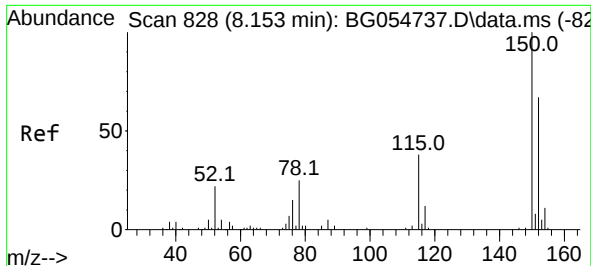
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
Data File : BG054855.D
Acq On : 6 Sep 2022 17:10
Operator : CG/JU
Sample : N4486-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PC-1

Quant Time: Sep 07 04:56:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

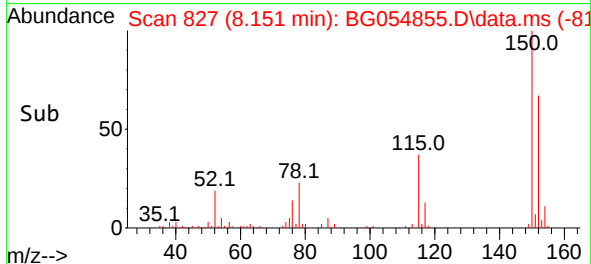
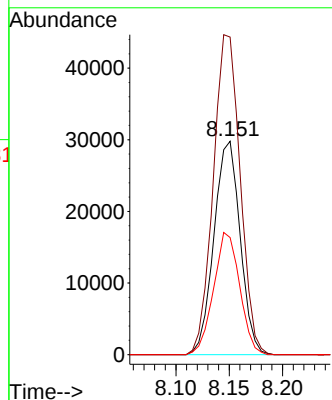
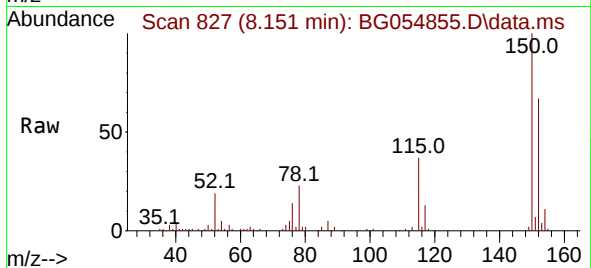




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.151 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG054855.D
Acq: 6 Sep 2022 17:10

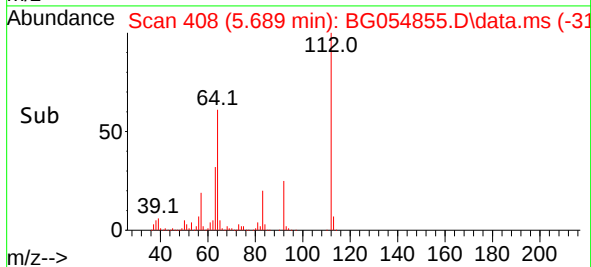
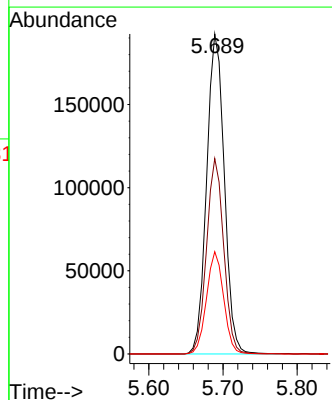
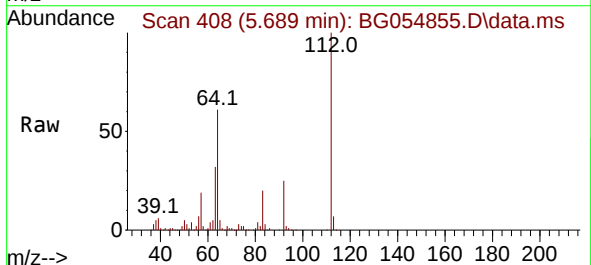
Instrument :
BNA_G
ClientSampleId :
PC-1

Tgt Ion:152 Resp: 50847
Ion Ratio Lower Upper
152 100
150 148.8 125.2 187.8
115 54.8 47.9 71.9



#5
2-Fluorophenol
Concen: 109.116 ng
RT: 5.689 min Scan# 408
Delta R.T. 0.003 min
Lab File: BG054855.D
Acq: 6 Sep 2022 17:10

Tgt Ion:112 Resp: 318614
Ion Ratio Lower Upper
112 100
64 61.1 49.3 73.9
63 31.9 26.3 39.5

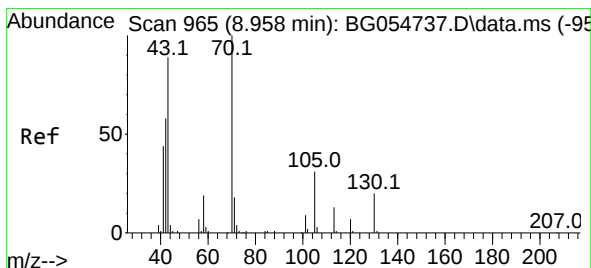
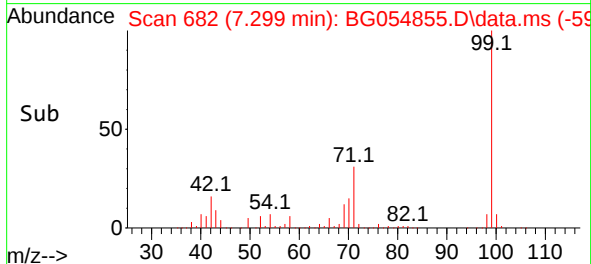
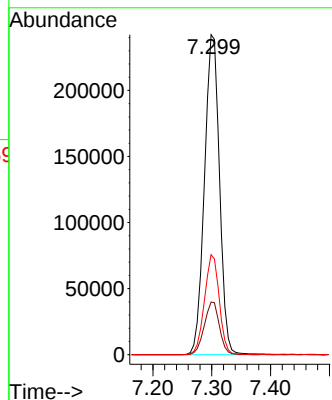
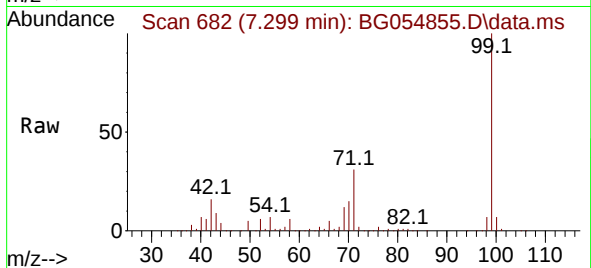




#7
Phenol-d6
Concen: 107.686 ng
RT: 7.299 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG054855.D
Acq: 6 Sep 2022 17:10

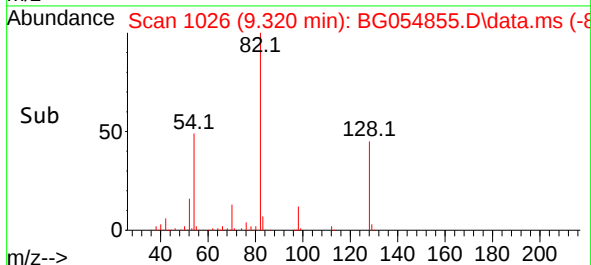
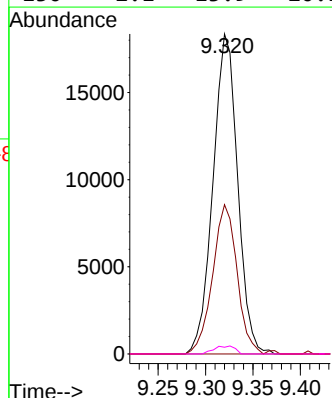
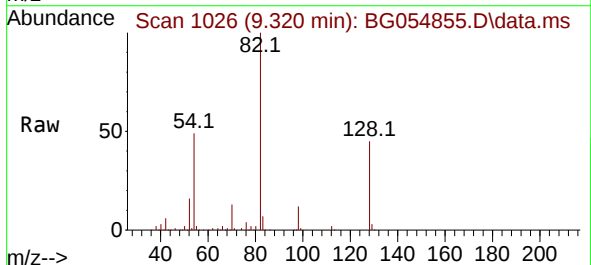
Instrument :
BNA_G
ClientSampleId :
PC-1

Tgt Ion: 99 Resp: 430020
Ion Ratio Lower Upper
99 100
42 16.4 14.6 22.0
71 31.3 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.091 ng
RT: 9.320 min Scan# 1026
Delta R.T. 0.361 min
Lab File: BG054855.D
Acq: 6 Sep 2022 17:10

Tgt Ion: 70 Resp: 33202
Ion Ratio Lower Upper
70 100
42 46.6 46.6 69.8
101 0.0 7.7 11.5#
130 2.1 13.9 20.9#

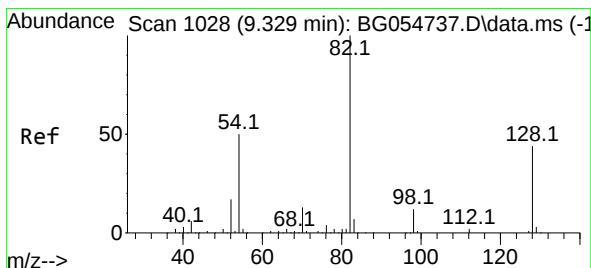
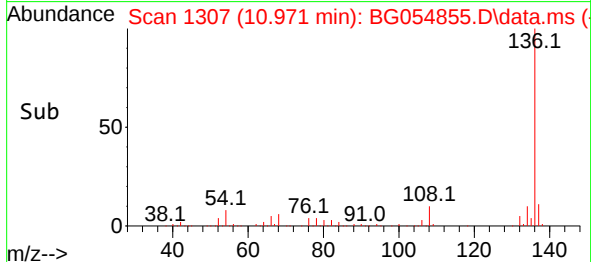
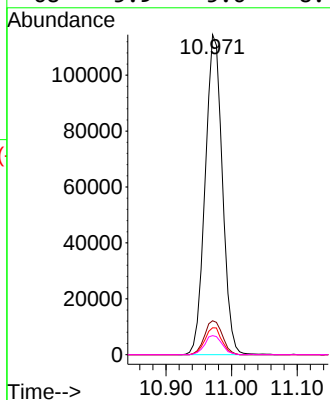
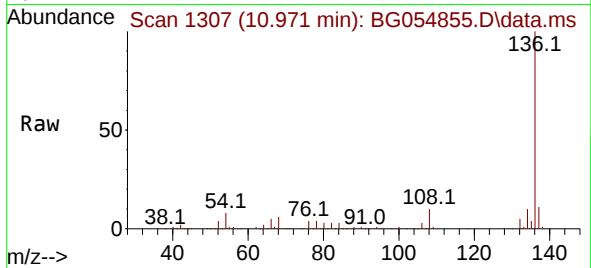




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.971 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG054855.D
Acq: 6 Sep 2022 17:10

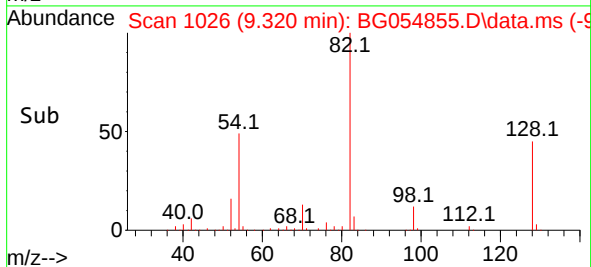
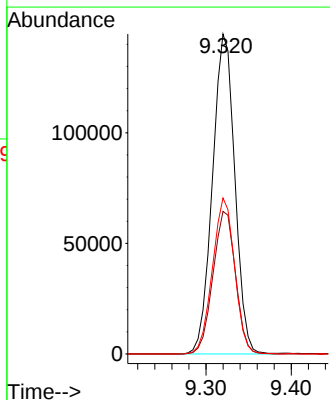
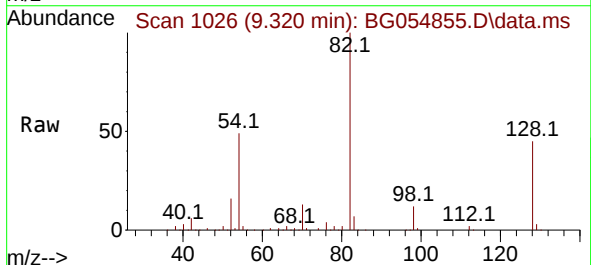
Instrument :
BNA_G
ClientSampleId :
PC-1

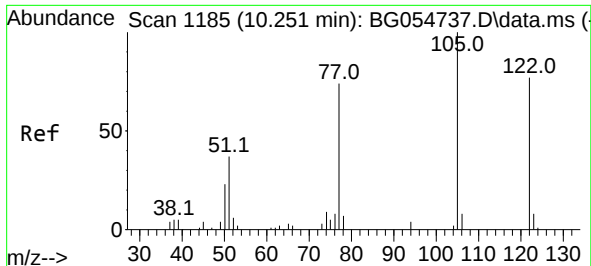
Tgt Ion:	136	Resp:	208768
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	8.4	7.7	11.5
68	5.9	5.6	8.4



#23
Nitrobenzene-d5
Concen: 66.365 ng
RT: 9.320 min Scan# 1026
Delta R.T. -0.009 min
Lab File: BG054855.D
Acq: 6 Sep 2022 17:10

Tgt Ion:	82	Resp:	263919
Ion	Ratio	Lower	Upper
82	100		
128	44.6	32.2	48.2
54	48.7	41.4	62.0

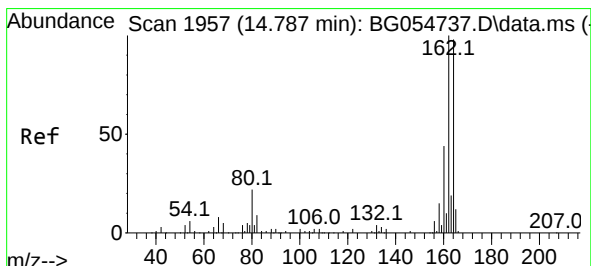
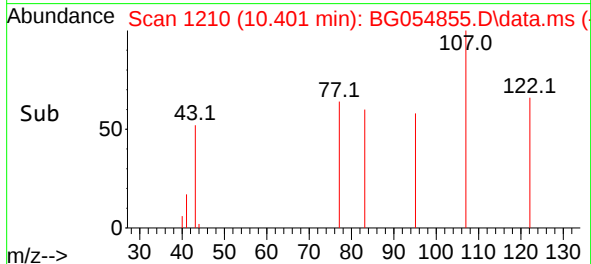
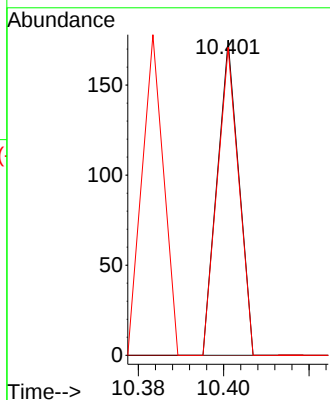
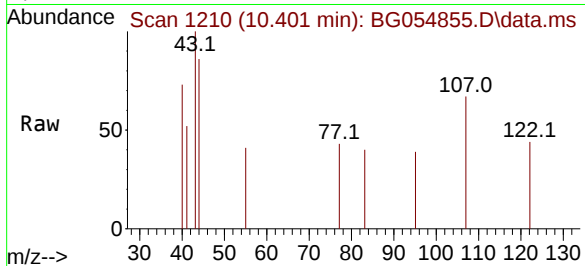




#32
Benzoic acid
Concen: 7.830 ng
RT: 10.401 min Scan# 1185
Delta R.T. 0.150 min
Lab File: BG054855.D
Acq: 6 Sep 2022 17:10

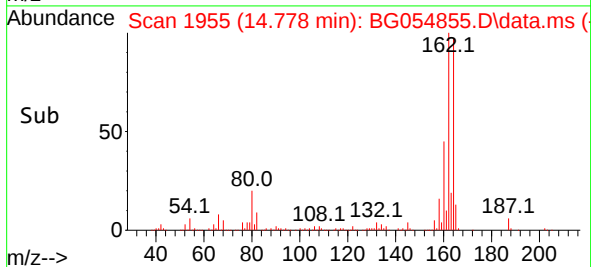
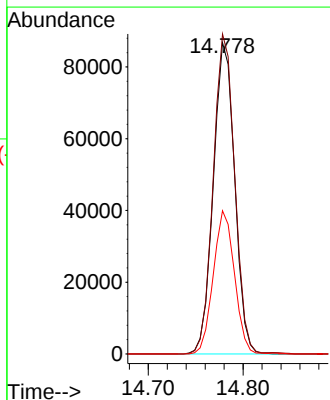
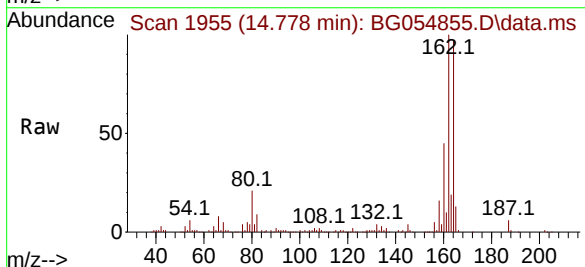
Instrument :
BNA_G
ClientSampleId :
PC-1

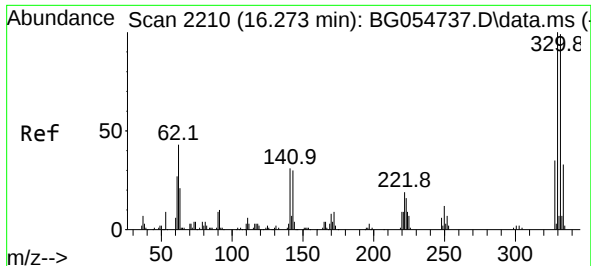
Tgt Ion:122 Resp: 62
Ion Ratio Lower Upper
122 100
105 0.0 101.5 141.5#
77 97.7 69.3 109.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.778 min Scan# 1955
Delta R.T. -0.009 min
Lab File: BG054855.D
Acq: 6 Sep 2022 17:10

Tgt Ion:164 Resp: 135664
Ion Ratio Lower Upper
164 100
162 102.8 83.0 124.4
160 46.0 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 111.123 ng

RT: 16.265 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG054855.D

Acq: 6 Sep 2022 17:10

Instrument :

BNA_G

ClientSampleId :

PC-1

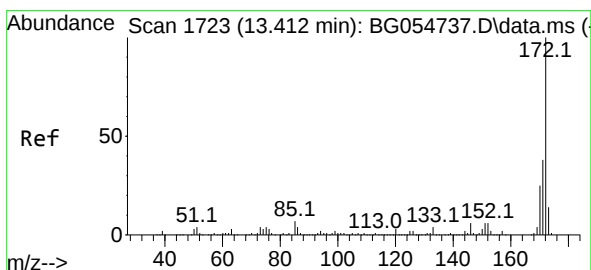
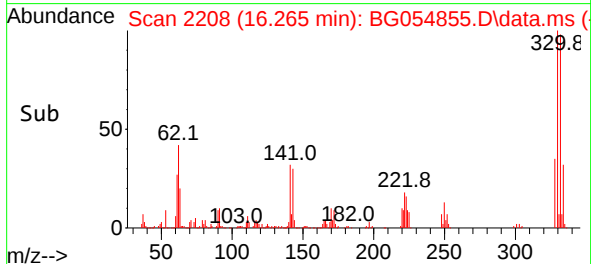
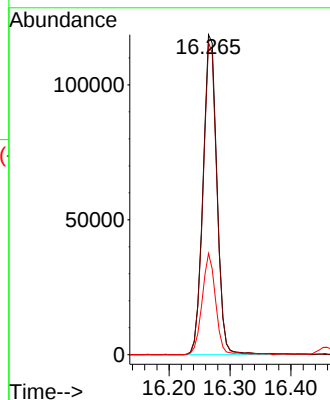
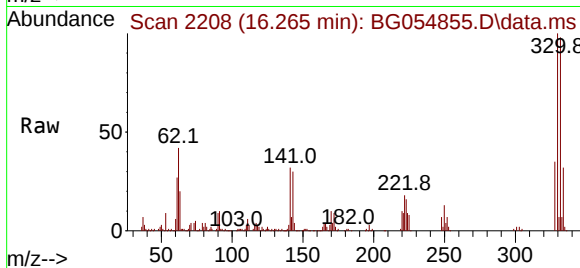
Tgt Ion:330 Resp: 188376

Ion Ratio Lower Upper

330 100

332 97.6 79.8 119.6

141 30.7 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 66.689 ng

RT: 13.403 min Scan# 1721

Delta R.T. -0.009 min

Lab File: BG054855.D

Acq: 6 Sep 2022 17:10

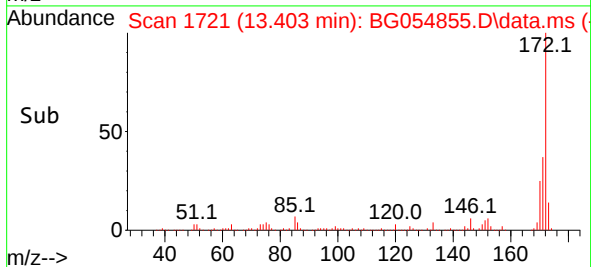
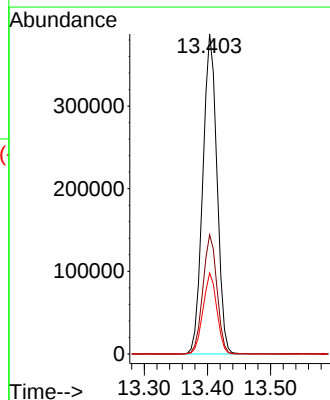
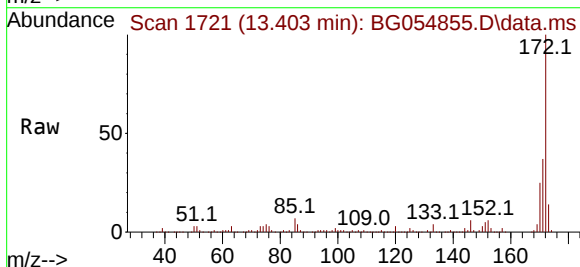
Tgt Ion:172 Resp: 601939

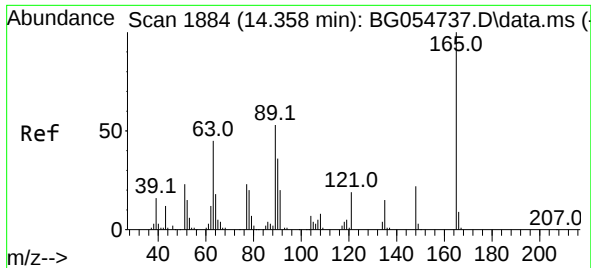
Ion Ratio Lower Upper

172 100

171 37.2 31.2 46.8

170 25.3 20.6 30.8

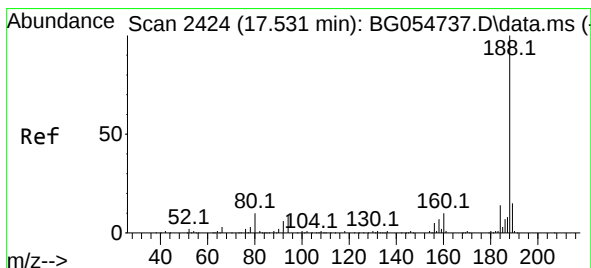
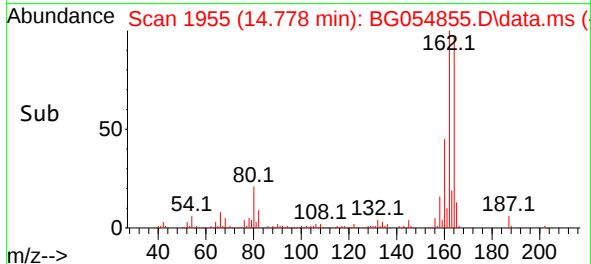
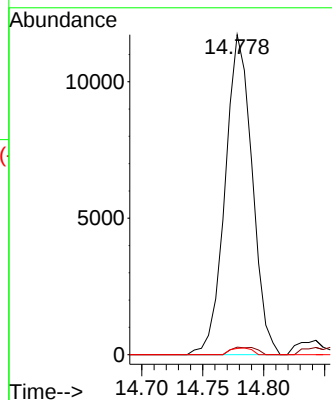
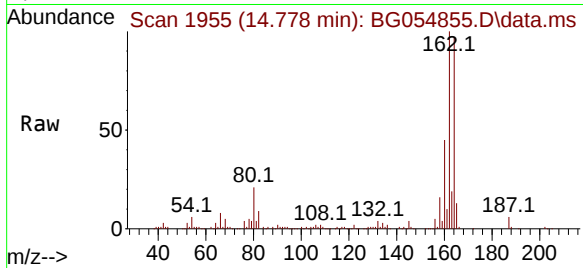




#51
2,6-Dinitrotoluene
Concen: 8.475 ng
RT: 14.778 min Scan# 1955
Delta R.T. 0.420 min
Lab File: BG054855.D
Acq: 6 Sep 2022 17:10

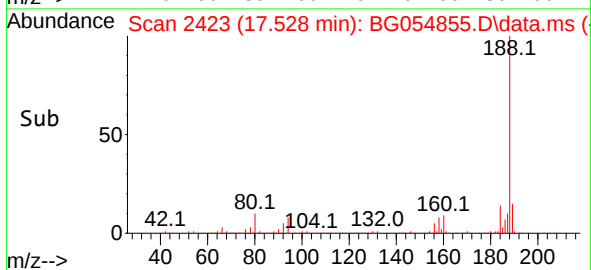
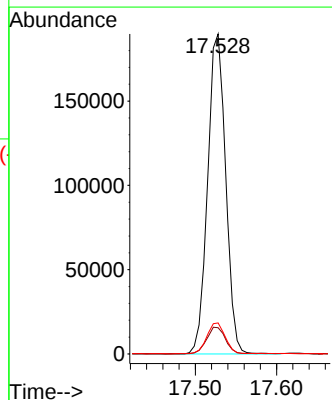
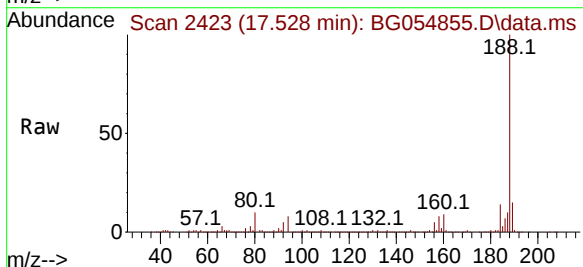
Instrument :
BNA_G
ClientSampleId :
PC-1

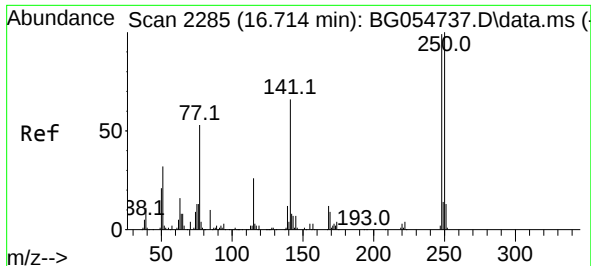
Tgt Ion:165 Resp: 18117
Ion Ratio Lower Upper
165 100
63 2.4 46.0 69.0#
89 1.9 50.3 75.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.528 min Scan# 2423
Delta R.T. -0.003 min
Lab File: BG054855.D
Acq: 6 Sep 2022 17:10

Tgt Ion:188 Resp: 292624
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.4
80 9.7 7.9 11.9

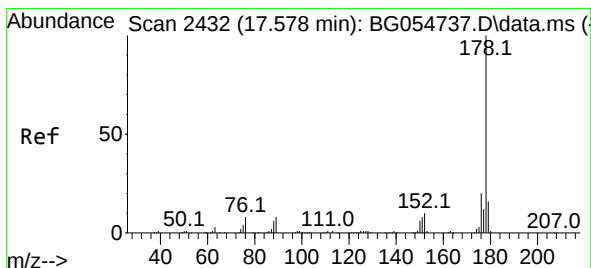
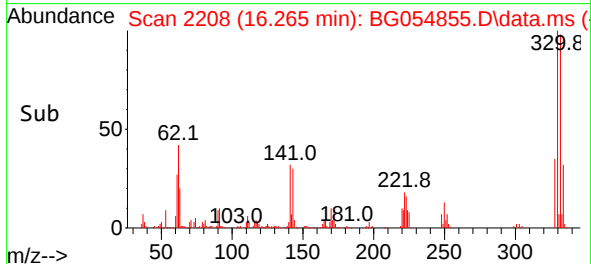
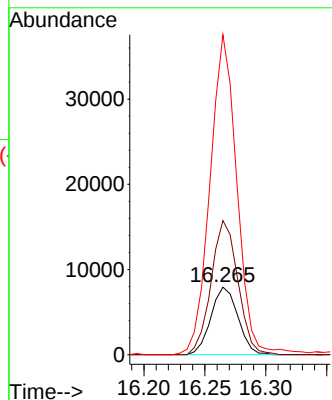
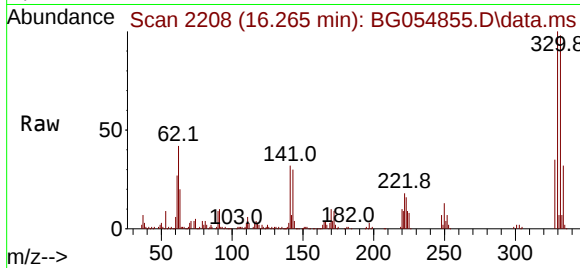




#67
4-Bromophenyl-phenylether
Concen: 3.799 ng
RT: 16.265 min Scan# 211
Delta R.T. -0.449 min
Lab File: BG054855.D
Acq: 6 Sep 2022 17:10

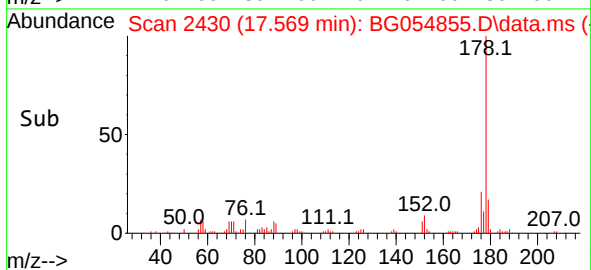
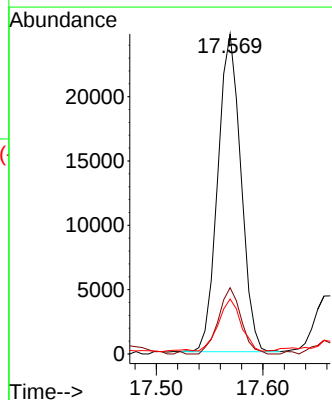
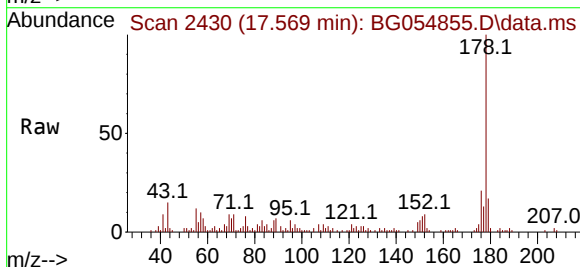
Instrument :
BNA_G
ClientSampleId :
PC-1

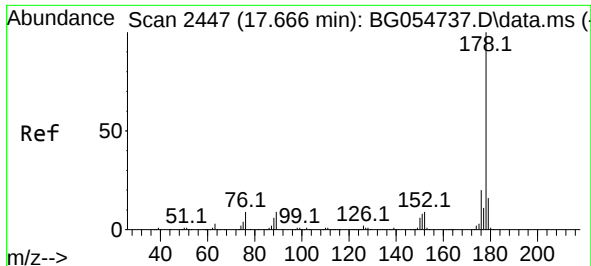
Tgt Ion:248 Resp: 12204
Ion Ratio Lower Upper
248 100
250 198.8 78.8 118.2#
141 474.4 51.9 77.9#



#71
Phenanthrene
Concen: 2.385 ng
RT: 17.569 min Scan# 2430
Delta R.T. -0.009 min
Lab File: BG054855.D
Acq: 6 Sep 2022 17:10

Tgt Ion:178 Resp: 37181
Ion Ratio Lower Upper
178 100
176 20.7 16.6 25.0
179 17.1 12.8 19.2

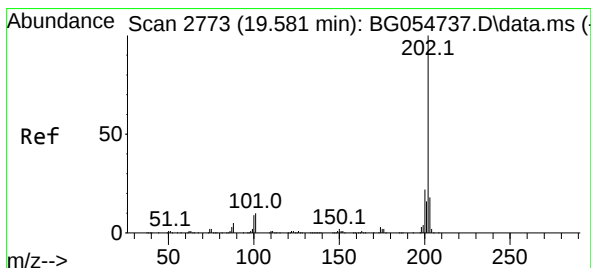
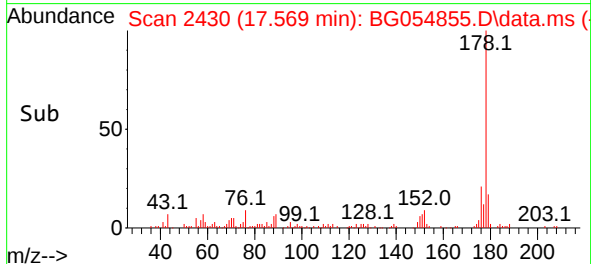
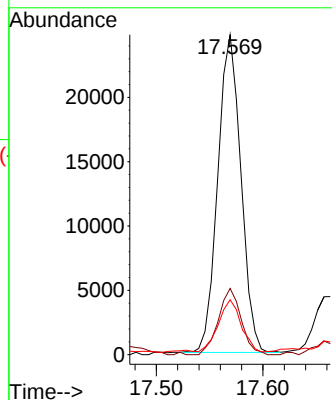
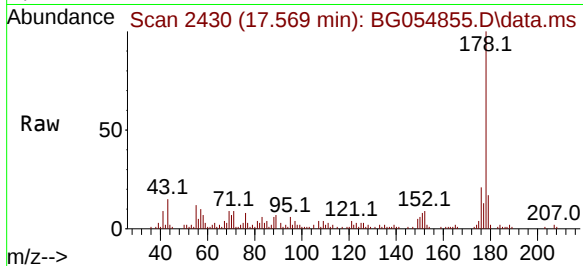




#72
 Anthracene
 Concen: 2.453 ng
 RT: 17.569 min Scan# 2447
 Delta R.T. -0.097 min
 Lab File: BG054855.D
 Acq: 6 Sep 2022 17:10

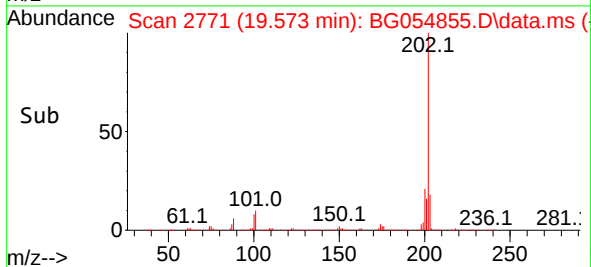
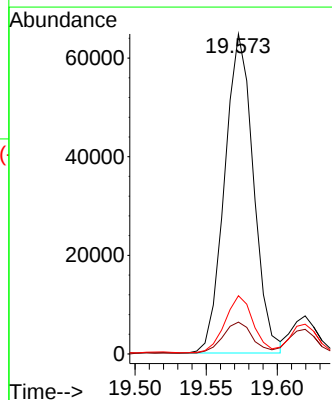
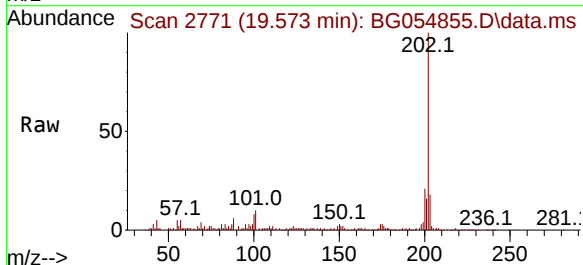
Instrument :
 BNA_G
 ClientSampleId :
 PC-1

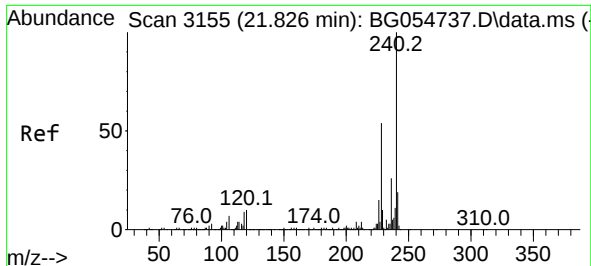
Tgt Ion:178 Resp: 37181
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.2 24.4
 179 17.1 12.9 19.3



#75
 Fluoranthene
 Concen: 4.818 ng
 RT: 19.573 min Scan# 2771
 Delta R.T. -0.009 min
 Lab File: BG054855.D
 Acq: 6 Sep 2022 17:10

Tgt Ion:202 Resp: 91362
 Ion Ratio Lower Upper
 202 100
 101 10.0 0.0 31.4
 203 18.2 0.0 38.6

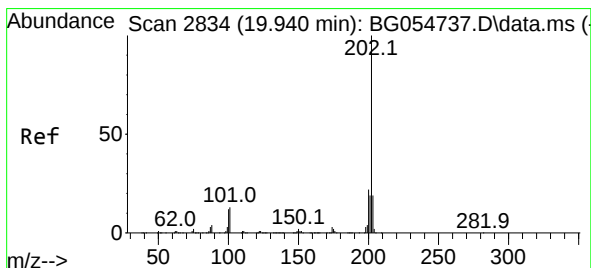
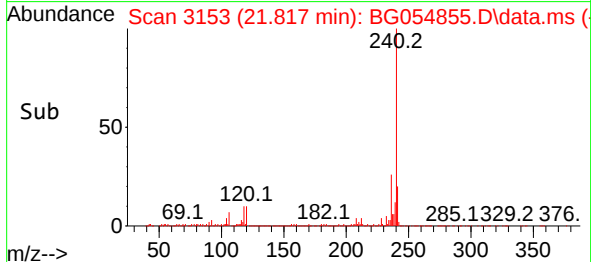
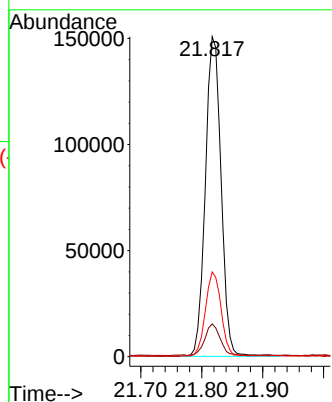
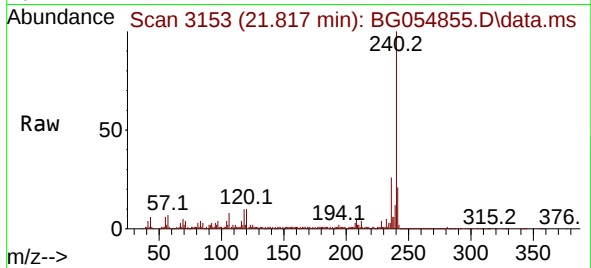




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.817 min Scan# 3153
Delta R.T. -0.009 min
Lab File: BG054855.D
Acq: 6 Sep 2022 17:10

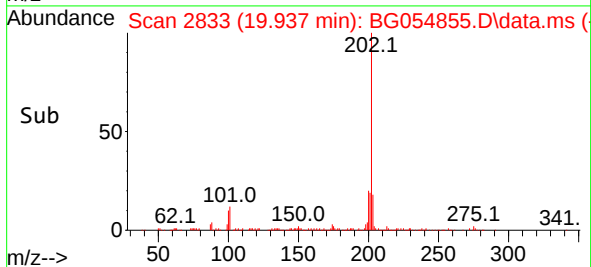
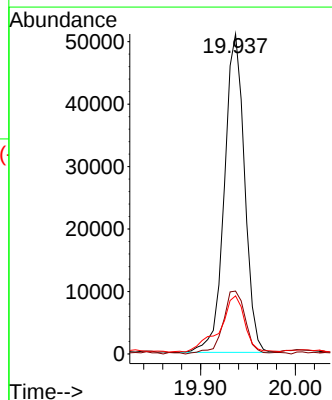
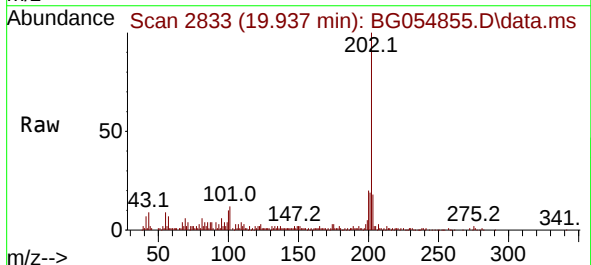
Instrument :
BNA_G
ClientSampleId :
PC-1

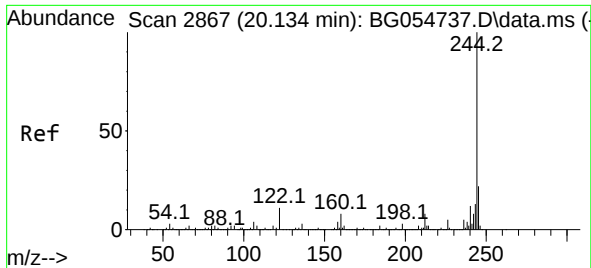
Tgt Ion:240 Resp: 270285
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.4
236 26.5 21.2 31.8



#78
Pyrene
Concen: 3.999 ng
RT: 19.937 min Scan# 2833
Delta R.T. -0.003 min
Lab File: BG054855.D
Acq: 6 Sep 2022 17:10

Tgt Ion:202 Resp: 75373
Ion Ratio Lower Upper
202 100
200 19.7 17.8 26.6
203 18.2 14.6 21.8

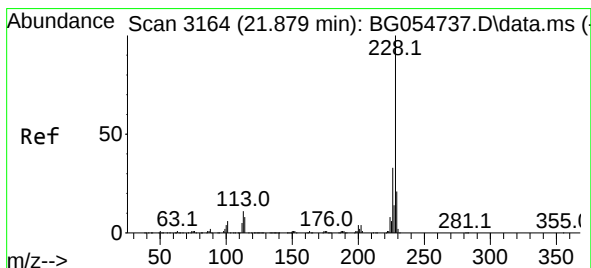
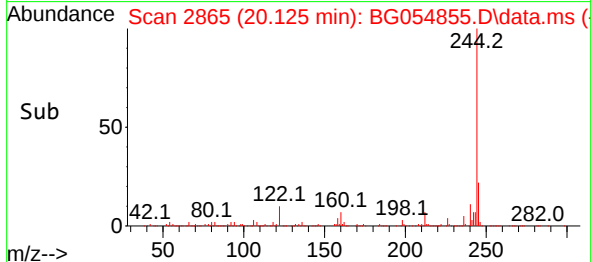
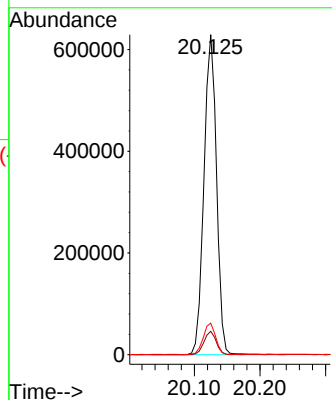
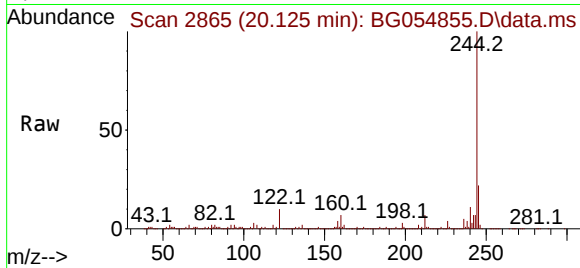




#79
 Terphenyl-d14
 Concen: 61.536 ng
 RT: 20.125 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG054855.D
 Acq: 6 Sep 2022 17:10

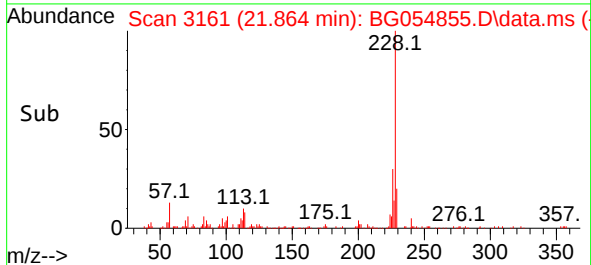
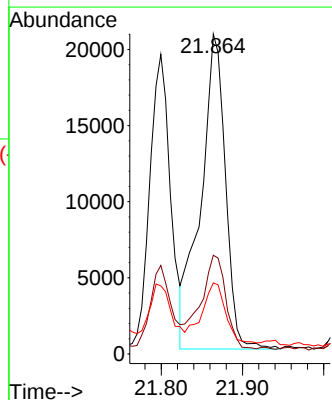
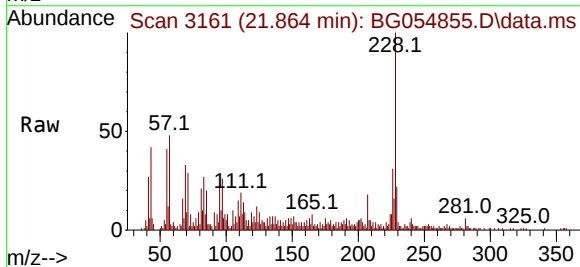
Instrument :
 BNA_G
 ClientSampleId :
 PC-1

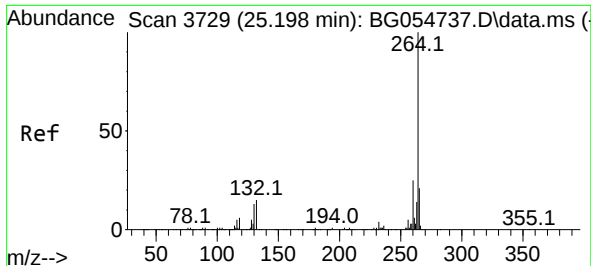
Tgt Ion:244 Resp: 839423
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 9.9 9.0 13.6



#83
 Chrysene
 Concen: 2.511 ng
 RT: 21.864 min Scan# 3161
 Delta R.T. -0.015 min
 Lab File: BG054855.D
 Acq: 6 Sep 2022 17:10

Tgt Ion:228 Resp: 43991
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.5 38.3
 229 22.2 16.8 25.2



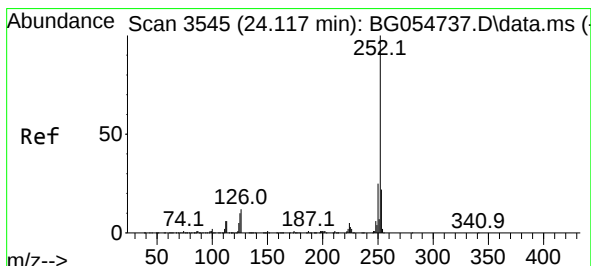
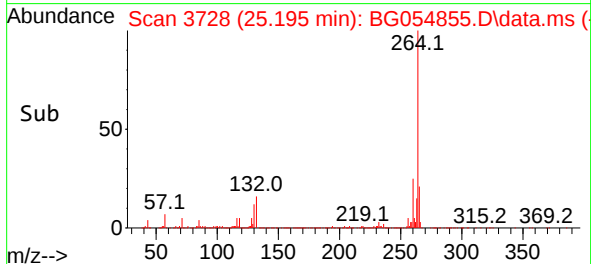
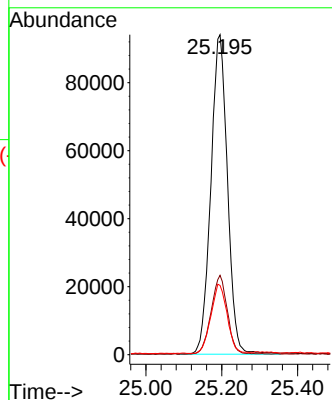
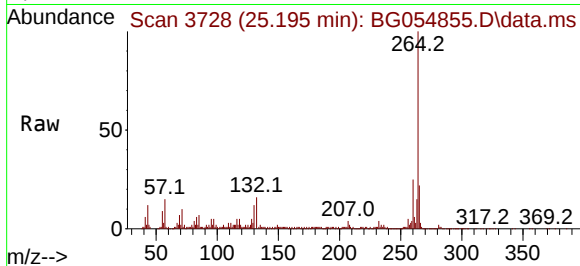


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.195 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG054855.D
Acq: 6 Sep 2022 17:10

Instrument :
BNA_G
ClientSampleId :
PC-1

Tgt Ion:264 Resp: 285302

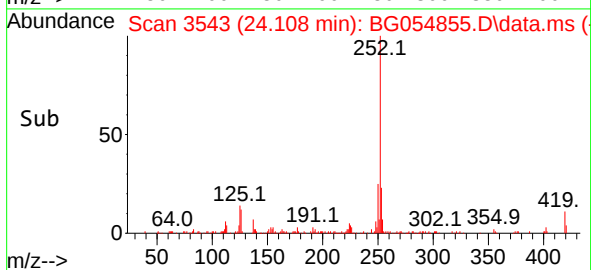
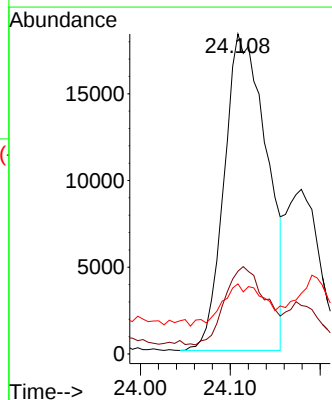
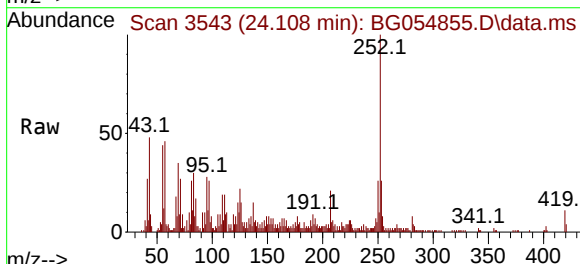
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.9	29.9
265	21.7	16.9	25.3

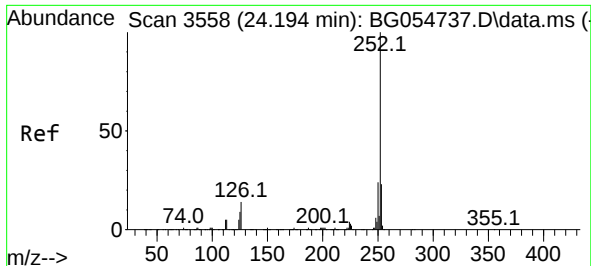


#88
Benzo(b)fluoranthene
Concen: 3.349 ng
RT: 24.108 min Scan# 3543
Delta R.T. -0.009 min
Lab File: BG054855.D
Acq: 6 Sep 2022 17:10

Tgt Ion:252 Resp: 59930

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.0	27.0
125	21.9	8.1	12.1

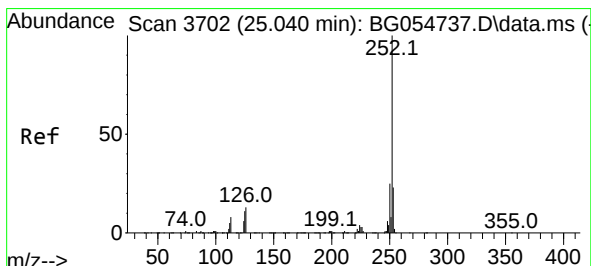
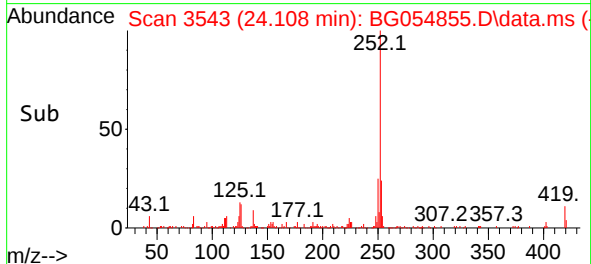
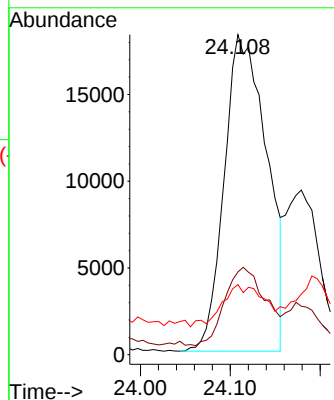
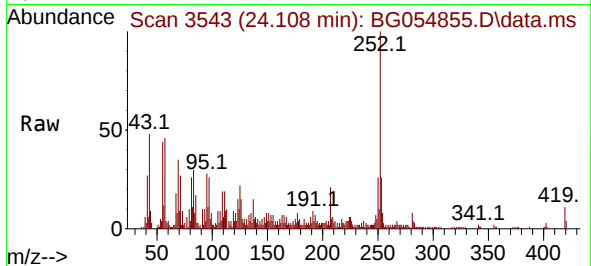




#89
Benzo(k)fluoranthene
Concen: 3.327 ng
RT: 24.108 min Scan# 31
Delta R.T. -0.085 min
Lab File: BG054855.D
Acq: 6 Sep 2022 17:10

Instrument :
BNA_G
ClientSampleId :
PC-1

Tgt Ion:252 Resp: 59930
Ion Ratio Lower Upper
252 100
253 25.9 17.8 26.8
125 21.9 8.2 12.4#



#90
Benzo(a)pyrene
Concen: 2.340 ng
RT: 25.031 min Scan# 3700
Delta R.T. -0.009 min
Lab File: BG054855.D
Acq: 6 Sep 2022 17:10

Tgt Ion:252 Resp: 35786
Ion Ratio Lower Upper
252 100
253 27.8 18.3 27.5#
125 20.1 8.8 13.2#

